

Pavlina Hasalova

List of Publications by Year in descending order

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36
papers

1,366
citations

304743

22
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-fluxed melting of the continental crust: A review. <i>Lithos</i> , 2015, 212-215, 158-188.	1.4	401
2	Origin of migmatites by deformation-enhanced melt infiltration of orthogneiss: a new model based on quantitative microstructural analysis. <i>Journal of Metamorphic Geology</i> , 2008, 26, 29-53.	3.4	89
3	Evaluating quartz crystallographic preferred orientations and the role of deformation partitioning using EBSD and fabric analyser techniques. <i>Journal of Structural Geology</i> , 2010, 32, 803-817.	2.3	75
4	Late Paleozoic-Mesozoic tectonic evolution of the Trans-Altai and South Gobi Zones in southern Mongolia based on structural and geochronological data. <i>Gondwana Research</i> , 2014, 25, 309-337.	6.0	66
5	A 60-Myr record of continental back-arc differentiation through cyclic melting. <i>Nature Geoscience</i> , 2019, 12, 215-219.	12.9	56
6	Switch from thrusting to normal shearing in the Zaskar shear zone, NW Himalaya: Implications for channel flow. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 892-924.	3.3	51
7	Monazite Dating of Prograde and Retrograde P-T paths in the Barrovian terrane of the Thaya window, Bohemian Massif. <i>Journal of Petrology</i> , 2015, 56, 1007-1035.	2.8	46
8	From orthogneiss to migmatite: Geochemical assessment of the melt infiltration model in the GfÅrh Unit (Moldanubian Zone, Bohemian Massif). <i>Lithos</i> , 2008, 102, 508-537.	1.4	42
9	Fabric controls on strain accommodation in naturally deformed mylonites: The influence of interconnected micaceous layers. <i>Journal of Structural Geology</i> , 2016, 83, 180-193.	2.3	38
10	Microstructural evidence for magma confluence and reusage of magma pathways: implications for magma hybridization, Karakoram Shear Zone in NW India. <i>Journal of Metamorphic Geology</i> , 2011, 29, 875-900.	3.4	37
11	Importance of crustal relamination in origin of the orogenic mantle peridotite-high-pressure granulite association: example from the NÄjmÄ;Å¥ Granulite Massif (Bohemian Massif, Czech Republic). <i>Journal of the Geological Society</i> , 2015, 172, 479-490.	2.1	36
12	Transforming mylonitic metagranite by open-system interactions during melt flow. <i>Journal of Metamorphic Geology</i> , 2008, 26, 55-80.	3.4	35
13	Decoupled U-Pb date and chemical zonation of monazite in migmatites: The case for disturbance of isotopic systematics by coupled dissolution-precipitation. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 269, 398-412.	3.9	35
14	Investigation of the H7 ordinary chondrite, Watson 012: Implications for recognition and classification of Type 7 meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 134, 175-196.	3.9	34
15	<i>P-T-D</i> record of crustal-scale horizontal flow and magma-assisted doming in the <sc>SW</sc> Mongolian Altai. <i>Journal of Metamorphic Geology</i> , 2015, 33, 359-383.	3.4	34
16	Role of strain localization and melt flow on exhumation of deeply subducted continental crust. <i>Lithosphere</i> , 2018, 10, 217-238.	1.4	33
17	Interaction between deformation and magma extraction in migmatites: Examples from Kangaroo Island, South Australia. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1282-1300.	3.3	30
18	Low-P melting of metapelitic rocks and the role of H ₂ O: Insights from phase equilibria modelling. <i>Journal of Metamorphic Geology</i> , 2017, 35, 1131-1159.	3.4	26

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19	Influence of melt induced mechanical anisotropy on the magnetic fabrics and rheology of deforming migmatites, Central Vosges, France. <i>Journal of Structural Geology</i> , 2009, 31, 1223-1237.	2.3	25
20	Multiple intrusions and remelting-remobilization events in a magmatic arc: The St. Peter Suite, South Australia. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1200-1218.	3.3	25
21	How Melt Segregation Affects Granite Chemistry: Migmatites from the Sierra de Quilmes, NW Argentina. <i>Journal of Petrology</i> , 2017, 58, 2339-2364.	2.8	24
22	Detachment folding of partially molten crust in accretionary orogens: A new magma-enhanced vertical mass and heat transfer mechanism. <i>Lithosphere</i> , 2017, 9, 889-909.	1.4	23
23	One kilometre-thick ultramylonite, Sierra de Quilmes, Sierras Pampeanas, NW Argentina. <i>Journal of Structural Geology</i> , 2015, 72, 33-54.	2.3	20
24	Reply to comment by J.D. Clemens and G. Stevens on "Water-fluxed melting of the continental crust: A review". <i>Lithos</i> , 2015, 234-235, 102-103.	1.4	17
25	Monazite geochronology in melt-percolated UHP meta-granitoids: An example from the Erzgebirge continental subduction wedge, Bohemian Massif. <i>Chemical Geology</i> , 2021, 559, 119919.	3.3	14
26	The Effect of Melt Infiltration on Metagranitic Rocks: the Snieznik Dome, Bohemian Massif. <i>Journal of Petrology</i> , 2019, 60, 591-618.	2.8	13
27	Flow behaviour in the intra-caldera setting: an AMS study of the large (>1290 km ²) Permian Ora ignimbrite. <i>Geological Society Special Publication</i> , 2015, 396, 177-204.	1.3	11
28	Exhumation of subducted continental crust along the arc region. <i>Gondwana Research</i> , 2020, 80, 157-187.	6.0	10
29	Magnetic fabric transposition in folded granite sills in Variscan orogenic wedge. <i>Journal of Structural Geology</i> , 2017, 94, 166-183.	2.3	9
30	Microstructural evidences for mineralogical inheritance in partially molten rocks: example from the Vosges Mts. <i>Bulletin - Societe Geologique De France</i> , 2015, 186, 131-143.	2.2	5
31	Reply to comment by S.H. Hettner on: "One kilometre-thick ultramylonite, Sierra de Quilmes, Sierras Pampeanas, NW Argentina". <i>Journal of Structural Geology</i> , 2015, 76, 84-85.	2.3	2
32	Tectono-metamorphic evolution of a convergent back-arc: The Famatinian orogen, Sierra de Quilmes, Sierras Pampeanas, NW Argentina. <i>Bulletin of the Geological Society of America</i> , 2017, , .	3.3	2
33	Syn-deformational melt percolation through a high-pressure orthogneiss and the exhumation of a subducted continental wedge (Orlica-Šněžník Dome, NE Bohemian Massif). <i>International Journal of Earth Sciences</i> , 2020, 109, 1213-1246.	1.8	2
34	Strain accommodation in monomineralic and polymineralic mylonites of the Main Central Thrust (Alakhnanda Region, Garhwal Himalaya). <i>Geotectonic Research</i> , 2015, 97, 50-52.	0.1	0
35	Thermal and mechanical evolution of collisional and accretionary orogens: a volume in honour of Karel Schulmann – an introduction. <i>International Journal of Earth Sciences</i> , 2020, 109, 1099-1103.	1.8	0
36	Was the Tynong Batholith, Lachlan Orogen, Australia, extremely hot? Application of pseudosection modelling and TitaniQ geothermometry. <i>Journal of Geosciences (Czech Republic)</i> , 2020, , 121-138.	0.6	0